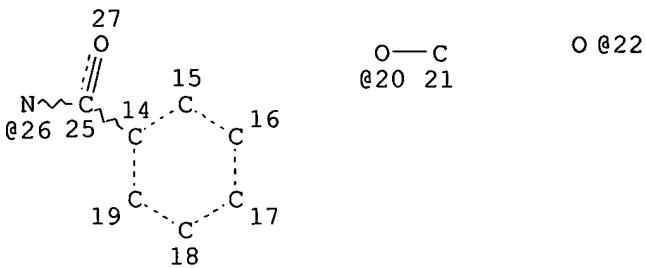
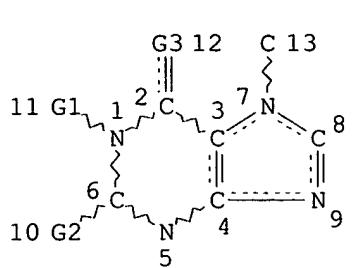


=> d stat que 115; d his full
L9 STR



S—C
@23 24

VAR G1=C/NH2/26/H
VAR G2=H/C/N/20/22/23

VAR G3=O/S

NODE ATTRIBUTES:

NSPEC IS RC AT 13
CONNECT IS E1 RC AT 22
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

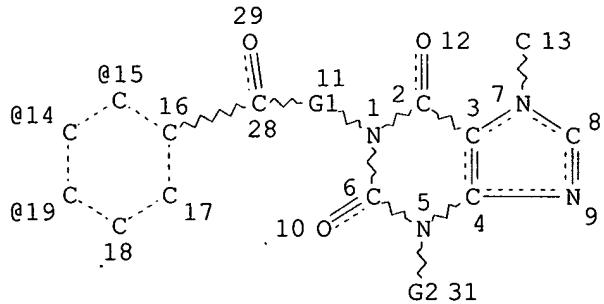
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

L12 35177 SEA FILE=REGISTRY SSS FUL L9
L13 STR

Me—C—Me
30 @20 21

CH—Me
@23 24



G5 @32 35
N~~CH
@33 34

42
N~~C~~C
@36 37 38

N~~SO2~~C
@39 40 41

VAR G1=CH2/23/20

VAR G2=H/C

VAR G5=33/36/39

VPA 32-19/14/15 U

NODE ATTRIBUTES:

NSPEC IS RC AT 13
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 38

STEREO ATTRIBUTES: NONE

L15 52 SEA FILE=REGISTRY SUB=L12 SSS FUL L13

100.0% PROCESSED 366 ITERATIONS
 SEARCH TIME: 00.00.01

52 ANSWERS

(FILE 'HOME' ENTERED AT 15:05:04 ON 12 MAY 2005)

FILE 'CAPLUS' ENTERED AT 15:05:42 ON 12 MAY 2005

SET LINE 250
 SET DETAIL OFF
 E US2003-634047/AP, PRN 25
 SET NOTICE 1000 SEARCH
 L1. 1 SEA ABB=ON US2003-634047/AP
 SET NOTICE LOGIN SEARCH
 SET LINE LOGIN
 SET DETAIL LOGIN
 D SCAN
 SEL RN

FILE 'REGISTRY' ENTERED AT 15:06:23 ON 12 MAY 2005

L2 102 SEA ABB=ON (100-39-0/BI OR 100-46-9/BI OR 103-63-9/BI OR
 105-36-2/BI OR 108-91-8/BI OR 110-89-4/BI OR 110821-27-7/BI OR
 124-40-3/BI OR 140-75-0/BI OR 16182-04-0/BI OR 16694-46-5/BI
 OR 172603-05-3/BI OR 3218-02-8/BI OR 3277-89-2/BI OR 454712-45-
 9/BI OR 454712-46-0/BI OR 454712-48-2/BI OR 454712-50-6/BI OR
 459-73-4/BI OR 54249-88-6/BI OR 64-04-0/BI OR 666702-26-7/BI
 OR 666702-31-4/BI OR 666702-35-8/BI OR 666702-40-5/BI OR
 666702-45-0/BI OR 666702-50-7/BI OR 666702-56-3/BI OR 666702-59-
 6/BI OR 666702-63-2/BI OR 666702-67-6/BI OR 666702-70-1/BI OR
 666702-73-4/BI OR 666702-77-8/BI OR 666702-82-5/BI OR 666702-86-
 9/BI OR 666702-89-2/BI OR 666702-91-6/BI OR 666702-94-9/BI OR
 666702-97-2/BI OR 666703-02-2/BI OR 666703-05-5/BI OR 666703-09-
 9/BI OR 666703-11-3/BI OR 666703-14-6/BI OR 666703-17-9/BI OR
 666703-20-4/BI OR 666703-21-5/BI OR 666703-23-7/BI OR 666703-25-
 9/BI OR 666703-27-1/BI OR 666703-29-3/BI OR 666703-31-7/BI OR
 666703-33-9/BI OR 666703-35-1/BI OR 666703-37-3/BI OR 666703-41-
 9/BI OR 666703-45-3/BI OR 666703-47-5/BI OR 666703-50-0/BI OR
 666703-52-2/BI OR 666703-54-4/BI OR 666703-56-6/BI OR 666703-62-
 4/BI OR 666703-64-6/BI OR 666703-66-8/BI OR 666703-68-0/BI OR
 666703-70-4/BI OR 666703-72-6/BI OR 666703-74-8/BI OR 666703-76-
 0/BI OR 666703-78-2/BI OR 666703-80-6/BI OR 666703-82-8/BI OR
 666703-84-0/BI OR 666703-86-2/BI OR 666703-88-4/BI OR 666703-90-
 8/BI OR 666703-92-0/BI OR 666703-94-2/BI OR 666703-96-4/BI OR
 666703-98-6/BI OR 666704-00-3/BI OR 666704-02-5/BI OR 666704-04-
 7/BI OR 666704-06-9/BI OR 666704-08-1/BI OR 666704-09-2/BI OR
 666704-10-5/BI OR 666704-11-6/BI OR 666704-12-7/BI OR 666704-13-
 8/BI OR 666704-14-9/BI OR 666704-15-0/BI OR 666704-16-1/BI OR
 666704-19-4/BI OR 666704-74-1/BI OR 70-11-1/BI OR 74-89-5/BI
 OR 75-16-1/BI OR 75-31-0/BI OR 79463-77-7/BI)

L3 82 SEA ABB=ON L2 AND NR>1

D SCAN

FILE 'STNGUIDE' ENTERED AT 15:07:28 ON 12 MAY 2005

FILE 'CAPLUS' ENTERED AT 15:09:48 ON 12 MAY 2005

SET LINE 250
 SET DETAIL OFF
 E US2003-636088/AP, PRN 25
 SET NOTICE 1000 SEARCH
 L4 1 SEA ABB=ON US2003-636088/AP
 SET NOTICE LOGIN SEARCH
 SET LINE LOGIN
 SET DETAIL LOGIN
 D SCAN
 SEL RN

FILE 'REGISTRY' ENTERED AT 15:10:44 ON 12 MAY 2005

L5 44 SEA ABB=ON (172603-05-3/BI OR 4023-34-1/BI OR 454709-00-3/BI
 OR 454709-69-4/BI OR 454711-07-0/BI OR 454712-87-9/BI OR
 54249-88-6/BI OR 666816-75-7/BI OR 666816-76-8/BI OR 666816-77-
 9/BI OR 666816-78-0/BI OR 666816-79-1/BI OR 666816-80-4/BI OR
 666816-81-5/BI OR 666816-82-6/BI OR 666816-83-7/BI OR 666816-84-
 8/BI OR 666816-85-9/BI OR 666816-86-0/BI OR 666816-87-1/BI OR
 666816-88-2/BI OR 666816-89-3/BI OR 666816-90-6/BI OR 666816-91-
 7/BI OR 666816-92-8/BI OR 666816-93-9/BI OR 666816-94-0/BI OR
 666816-95-1/BI OR 666816-96-2/BI OR 666816-97-3/BI OR 666816-98-
 4/BI OR 666816-99-5/BI OR 666817-00-1/BI OR 666817-01-2/BI OR
 666817-02-3/BI OR 666817-03-4/BI OR 666817-04-5/BI OR 666817-05-
 6/BI OR 666817-06-7/BI OR 666817-07-8/BI OR 6851-99-6/BI OR
 77350-93-7/BI OR 870-63-3/BI OR 9007-12-9/BI)
 L6 38 SEA ABB=ON L5 AND NR>1
 D SCAN

FILE 'STNGUIDE' ENTERED AT 15:12:41 ON 12 MAY 2005

FILE 'REGISTRY' ENTERED AT 15:22:37 ON 12 MAY 2005

L7 STR
 L8 50 SEA SSS SAM L7
 L9 STR L7
 L10 50 SEA SSS SAM L9

FILE 'STNGUIDE' ENTERED AT 15:26:40 ON 12 MAY 2005

FILE 'REGISTRY' ENTERED AT 15:31:31 ON 12 MAY 2005

D QUE L10
 L11 50 SEA SSS SAM L9
 L12 35177 SEA SSS FUL L9
 SAVE TEMP L12 BER088FULL/A
 L13 STR L9
 L14 2 SEA SUB=L12 SSS SAM L13
 D SCAN
 L15 52 SEA SUB=L12 SSS FUL L13
 SAVE TEMP L15 BER088SUB/A

FILE 'CAPLUS' ENTERED AT 15:39:06 ON 12 MAY 2005

L16 5 SEA ABB=ON L15

FILE 'REGISTRY' ENTERED AT 15:39:17 ON 12 MAY 2005

L17 ANALYZE L15 1- LC : 3 TERMS
 D

FILE 'REGISTRY' ENTERED AT 15:40:26 ON 12 MAY 2005
D STAT QUE L15

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:40:26 ON 12 MAY 2005.
L18 8 SEA ABB=ON L15
L19 8 DUP REM L18 (0 DUPLICATES REMOVED)
ANSWERS '1-5' FROM FILE CAPLUS
ANSWERS '6-8' FROM FILE USPATFULL
D IBIB ED ABS HITSTR 1-8

FILE 'HOME' ENTERED AT 15:40:49 ON 12 MAY 2005
D STAT QUE L15

FILE HOME

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 May 2005 VOL 142 ISS 20
FILE LAST UPDATED: 11 May 2005 (20050511/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 MAY 2005 HIGHEST RN 850303-40-1
DICTIONARY FILE UPDATES: 11 MAY 2005 HIGHEST RN 850303-40-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 6, 2005 (20050506/UP).

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 12 May 2005 (20050512/PD)
FILE LAST UPDATED: 12 May 2005 (20050512/ED)
HIGHEST GRANTED PATENT NUMBER: US6892391
HIGHEST APPLICATION PUBLICATION NUMBER: US2005102725
CA INDEXING IS CURRENT THROUGH 12 May 2005 (20050512/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 12 May 2005 (20050512/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2005

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>